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ATTORNEY DOCKET NO. GRA26 007

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of: Joseph P. Kennedy, Jr. et. al.

Confirmation No.: 4714

Serial No.: 10/531,039

Art Unit: 2618

Filed: October 19, 2005

Examiner: John J. Lee

Title: **SYSTEM AND METHOD FOR ESTIMATING THE MULTI-PATH  
DELAYS IN A SIGNAL USING A SPATIALLY BLIND ANTENNA**

**TRANSMITTAL**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a Request for Corrected Filing Receipt along with Exhibit A, for the above-identified Application.

If a Petition for an Extension of Time is necessary for the papers transmitted herewith to be timely filed, this transmittal is to be considered as a petition to extend the response period by the amount of time needed for the papers to be timely filed.

The Commissioner is hereby authorized to charge payment of all fees associated with this communication to Deposit Account No. 04-1679.

A duplicate of this sheet is enclosed.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Mark C. Comtois", written over a horizontal line.

Mark C. Comtois, Reg.No. 46,285

1667 K Street, N.W., Suite 700  
Washington, DC 20006  
Telephone: (202) 776-7800  
Telecopier: (202) 776-7801

Dated: October 11, 2007



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Patent Application of Joseph P. Kennedy, Jr. et al.

Serial No.: 10/531,039

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**REQUEST FOR CORRECTED FILING RECEIPT**

Mail Stop **Office of Initial Patent Examination**  
**Filing Receipt Corrections**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant received an Updated Filing Receipt (attached as Exhibit A) mailed on February 7, 2006, with the Notice of Acceptance of the Application, which misspelled the first named Applicant of Joseph P. Kennedy, Jr. as "Joseph P. Kenney JR."

However, Applicant correctly filed the subject application with the proper identification of Mr. Kennedy. A true and correct copy of the application papers as filed is attached hereto as Exhibit B.

Applicant respectfully requests that the Office correct the first named Applicant to "Joseph P. Kennedy, Jr.," as indicated in Exhibit B, and forward a corrected Filing Receipt to the address shown below.

If any fees are due in connection with the action, the requisite fees can be charged  
to Duane Morris LLP, **Deposit Account No. 04-1679.**

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Mark C. Comtois', written over a horizontal line.

Mark C. Comtois

Reg. N. 46,285

DUANE MORRIS LLP  
1667 K Street, N.W., Suite 700  
Washington, D.C. 20006  
Telephone: (202) 776-7800  
Facsimile: (202) 776-7801

Dated: October 11, 2007

## **EXHIBIT A**



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/531,039	10/19/2005	2684	1330	GRA26 007	4	19	6

CONFIRMATION NO. 4714

Mark C Comtois  
 Duane Morris  
 1667 K Street N W  
 Suite 700  
 Washington, DC 20006

## FILING RECEIPT



\*OC000000017996981\*

Date Mailed: 02/07/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Joseph P. Kenney JR., Great Falls, VA;  
 John P. Carlson, Herndon, VA;  
 Martin Alles, Vienna, VA;

## Assignment For Published Patent Application

.ANDREW CORPORATION

## Power of Attorney:

Mark Comtois-46285

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US03/32585 10/16/2003  
 which claims benefit of 60/418,342 10/16/2002

## Foreign Applications

Projected Publication Date: 05/18/2006

Non-Publication Request: No

Early Publication Request: No

RECEIVED  
 DUANE MORRIS, LLP

**Title**

System and method for estimating the multi-path delays in a signal using a spatially blind antenna array

**Preliminary Class**

455

## **PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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### **LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



## **EXHIBIT B**

## ASSIGNMENT

(1-4) Insert Name(s) of                      Joseph P. KENNEDY, Jr.  
Inventor(s)                                      John P. CARLSON  
    Martin ALLES

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations, the receipt of which is acknowledged by each of the undersigned, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to

(5) Insert name of Assignee    (5)    Andrew Corporation.

(6) Insert address of Assignee    (6)    19700 Janelia Farm Boulevard  
    Ashburn, Virginia 20147

and its successors, legal representatives and assigns (hereinafter designated as the Assignee) the entire right, title and interest in the invention disclosed and/or claimed in the United States application identified below, as well as all applications for patent and any Letters Patent which may be granted therefore in the United States of America and all foreign countries, and in and to any and all divisions, continuations, continuations-in-part of said applications, or re-issues or extensions of said patents or Letters Patent, and all rights under the International Convention for the Protection of Industrial Property:

(7) Insert Identification of    (7)    SYSTEM AND METHOD FOR ESTIMATING THE  
    MULTI-PATH DELAYS IN A SIGNAL USING A  
    SPATIALLY BLIND ANTENNA ARRAY

Docket Number, or Foreign                      Docket No.    GRA26 007

Application Number

(8) Insert date of signing of    (8)    \_\_\_\_\_  
application

(9) Alternative identification    (9)    Application Number: 10/531,039  
for filed applications                      Filed: April 12, 2005

The undersigned further agree(s) to cooperate with the Assignee in every way possible and to do all affirmative acts, and to execute all papers which counsel for Assignee shall advise are necessary and/or desirable without charge to Assignee in connection with said applications including, without limitation, the execution of separate assignments in connection with such applications, claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to said Assignee, as Assignee of the entire interest, and hereby covenants that he/she has (they have) full right to convey the entire interest herein assigned, and that he/she has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) to Mark C. Comtois, Reg. No. 46,285; L. Lawton Rogers, III, Reg. No. 24,302; D. Joseph English, Reg. No. 42,514; and Patrick D. McPherson, Reg. No. 46,255 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 10/10/05

Signature of Inventor

Joseph P. Kennedy, Jr.  
Joseph P. KENNEDY, Jr.

Date 10/10/05

Signature of Inventor

John P. Carlson  
John P. CARLSON

Date 10/10/05

Signature of Inventor

Martin Alles  
Martin ALLES